

CORES Committee Meeting 3 – March 14, 2019

Houston Marriott North
Houston Room
255 N Sam Houston Pkwy E
Houston, TX 77060

If you'd like to attend in person, please contact Remy Chappetta (rchappetta@nas.edu).

Registration link for webinar:

<https://nasem.zoom.us/meeting/register/ec531aab54c78f3bd746f627e8486654>

Meeting Objectives: The CORES committee is nearing the completion of its information-gathering for Task 1 of its study charge (high-priority scientific questions for the next decade). Efforts have included literature review, collection of community input, discussion with early-career scientists, informal discussion at AGU, and community white papers. Panel 1 (increasing and sustaining diversity) addresses an issue that was raised repeatedly during previous information-gathering activities as being an integral component to advancing geoscience in the future. Panel 2 (discussions with the energy sector) brings in another perspective to the Task 1 discussion - the relationship between basic and applied geoscience. Panelists will also touch on other aspects of the study charge, such as partnerships and collaborations.

MARCH 14, 2019 - OPEN SESSION (CENTRAL TIME ZONE)

Houston Room

8:10 AM Doors open

8:15 AM Welcome and Introductions

Jim Yoder, Committee Chair

8:30 AM Panel on Increasing and Sustaining Diversity in the Geosciences

- Sharon Mosher, Dean, Jackson School of Geosciences, University of Texas Austin
- Ishara Casellas Connors, Assistant Dean for Diversity and Climate, College of Geosciences, Texas A&M University
- Julia Morgan, Professor, Department of Earth, Environmental, and Planetary Sciences, Rice University

Guiding questions:

1. *What do you do to promote and ensure diversity at different levels (undergrads/grad students/postdocs/faculty/technical and support staff)*
2. *Of those strategies, which have been most successful in the long-term?*
3. *What are the challenges you see to increasing diversity in the geosciences, both in general and specific to your university?*

9:30 AM

Panel on Decadal Scientific and Technology Directions for the Energy Sector

- Scott W. Tinker, Bureau of Economic Geology and State Geologist of Texas
- Lauren Birgenheier, University of Utah (representing the American Association of Petroleum Geologists)
- Michael Braun, Univ. of Texas Energy Initiative, ExxonMobil Upstream Research Company
- Eugene Szymanski, Basin Framework Team, Chevron Energy Technology Company

Guiding questions:

1. *Over the next decade, what are likely to be the most important scientific priorities for the energy sector?*
2. *What are the technologies/infrastructure needed to support these priorities, and how will they be advanced?*
3. *How do you view the relationship between basic research (as funded by NSF and other federal agencies) and applied science as it relates to the energy sector?*
4. *What opportunities do you see for partnerships or collaborations with NSF, now or in the future?*

11:00 AM | END OF PUBLIC SESSION